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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,421	03/10/2004	Jon MacKay	55525501 2724 PUS-1701	5596
7590 F. Drexel Feeling, Esq. Jones Day 901 Lakeside Avenue/North Point Cleveland, OH 44114				
EXAMINER WALSH, JOHN B				
ART UNIT		PAPER NUMBER		
2151				
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/797,421

**Applicant(s)**

MACKAY ET AL.

**Examiner**

John B. Walsh

**Art Unit**

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 July 2008.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 and 40-42 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-15 and 40-42 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 10 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/S508)  
Paper No(s)/Mail Date 9/7/04, 7/24/08  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Election/Restrictions***

1. Applicant's election without traverse of Invention I in the reply filed on July 24, 2008 is acknowledged.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-7, 10-14, 40 and 41 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Application Publication 2002/0162093 to Zhou et al.

As concerns claims 1 and 11, a method of operation in a hand-held electronic device comprising the following steps: providing a communication channel (inherent for wireless connection to have a "channel") in establishing a wireless connection (figure 1; 0023) between the hand-held wireless device (0022) and an enterprise server (fig. 1-106) or gateway in a wireless network (figure 1; 0023), wherein the wireless network comprises the enterprise server or gateway and wherein the enterprise server or gateway is connected via a communication path (0023) to a remotely located origin server (108,424) that stores resource bundles containing localized resources that can be used with one or more applications (0098-applications for corresponding document types) on the hand-held device; requesting from the enterprise server or

gateway localized resources (figure 7) for use with an application installed on the hand-held electronic device (figure 1; 0022), wherein the localized resources are related to a current locale of the hand-held device and wherein the enterprise server or gateway requests the localized resources from the remotely located origin server and the origin server transmits a resource bundle containing localized resources to the enterprise server or gateway; and receiving via the wireless connection a resource bundle (figure 7; 0008) from the enterprise server or gateway that comprises at least some of the requested localized resources (0063); identifying a character sequence entered by a user of the hand-held device that matches a predetermined sequence associated with the current locale of the device (0063, 0064, 0075, 0077; 0088); choosing an article for use with a word that is entered by the user after the character sequence is entered, wherein the article is grammatically correct for the language associated with the current locale; and automatically replacing the character sequence with the article (0063, 0064, 0075, 0077; 0088).

As concerns claim 2, the method according to claim 1 wherein the hand-held electronic device requests localized resources in response to receiving an indication that the locale has changed (0018-when a user is at a different locale it will be serviced based upon that locale, therefore users are not confined to only one locale).

As concerns claim 3, the method according to claim 2 wherein the indication is received via a user's input (0018-"request from user" – inherent this implies/includes a user's input).

As concerns claim 4, the method according to claim 1 wherein the hand-held electronic device requests localized resources in response to a user's input (0018-"request from user" – inherent this implies/includes a user's input).

As concerns claims 5, 14 and 41, wherein the resource bundle includes one or more types of character fonts (0045-inherent for characters of reply to have a font based on properties or user preference; 0066; 0076-text).

As concerns claim 6, the method according to claim 1 further comprising the following step: receiving via the wireless connection a list (0076-database file) of the contents of the resource bundle.

As concerns claim 7, the method according to claim 1 wherein the receiving step comprises receiving a resource bundle (figure 7, 716) that comprise localized resources for a plurality of applications (0097-applications for corresponding document types) installed on the hand-held electronic device.

As concerns claims 10, 13 and 40, wherein the localized resources include information for more than one locale (0092-many locales).

As concerns claim 12, a method of operating a wireless network comprising the steps of: providing a communication channel (inherent for wireless connection to have a "channel") for use by a hand-held electronic device (figure 1; 0022) in establishing a wireless connection (figure 1) between the hand-held wireless device (0022) and an enterprise server (fig. 1-106) or gateway in a wireless network (figure 1; 0023), wherein the wireless network comprises the enterprise server or gateway and wherein the enterprise server or gateway is connected via a communication path (0023) to a remotely located origin server (108,424) that stores resource bundles containing localized resources that can be used with one or more applications (0098-applications for corresponding document types) on the hand-held device; and receiving a request for localized resources from the hand-held electronic device, wherein the localized resources are

related to a current locale (0077; 0085) of the hand-held device and wherein the enterprise server or gateway requests the localized resources from the remotely located origin server and the origin server transmits a resource bundle containing localized resources to the enterprise server or gateway (0029); and transmitting to the hand-held device via the wireless connection a resource bundle from the enterprise server or gateway that comprises at least some of the requested localized resources, wherein with use of the resource bundle, the hand-held electronic device can determine that the usage of an article associated with a word is grammatically incorrect (0063, 0064, 0075, 0077; 0088) in the current locale of the hand-held device after a user of the hand-held device enters a sequence of characters that includes the article and the word and wherein the hand-held device automatically replaces the incorrectly used article with a grammatically correct article for the current locale (0063, 0064, 0075, 0077; 0088).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 8, 9, 15 and 42 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication 2002/0162093 to Zhou et al. as applied above in view of U.S. Patent No. 7,260,628 B2 to Yamamoto et al.

As concerns claims 8, 15 and 42, Zhou et al. '093 do not explicitly disclose wherein at least two of the plurality of applications are from different vendors.

Yamatoto et al. '628 disclose a plurality of applications from different vendors (abstract).

It would have been obvious to one having ordinary skill in the art at the time of the invention to provide the system of Zhou et al. '093 with different vendors providing the applications, as taught by Yamamoto et al. '628, in order to provide a diverse assortment of applications.

As concerns claim 9, Zhou et al. '093 as modified discloses the localized resources for the at least two of the plurality of applications from different vendors are stored on a common server (0025-server 112 or powerful server computer) on the wireless network.

### *Conclusion*

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892.
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Walsh whose telephone number is 571-272-7063. The examiner can normally be reached on Monday-Thursday from 7:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/John B. Walsh/  
Primary Examiner, Art Unit 2151